

Yan-Kai Xia

List of Publications by Year in descending order

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286

papers

8,970

citations

44069

48

h-index

85541

71

g-index

304

all docs

304

docs citations

304

times ranked

12086

citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical significance and molecular annotation of cellular morphometric subtypes in lower-grade gliomas discovered by machine learning. <i>Neuro-Oncology</i> , 2023, 25, 68-81.	1.2	18
2	Environmental chemical exposure dynamics and machine learning-based prediction of diabetes mellitus. <i>Science of the Total Environment</i> , 2022, 806, 150674.	8.0	28
3	Effects of glufosinate-ammonium on male reproductive health: Focus on epigenome and transcriptome in mouse sperm. <i>Chemosphere</i> , 2022, 287, 132395.	8.2	5
4	Association between ambient particulate matter exposure and semen quality in fertile men. <i>Environmental Health</i> , 2022, 21, 16.	4.0	23
5	Prothioconazole induces cell cycle arrest by up-regulation of EIF4EBP1 in extravillous trophoblast cells. <i>Archives of Toxicology</i> , 2022, 96, 559-570.	4.2	5
6	Semen quality and sperm DNA methylation in relation to long-term exposure to air pollution in fertile men: A cross-sectional study. <i>Environmental Pollution</i> , 2022, 300, 118994.	7.5	17
7	Association of Maternal Dietary Patterns during Gestation and Offspring Neurodevelopment. <i>Nutrients</i> , 2022, 14, 730.	4.1	12
8	Associations between PM2.5 exposure and infant growth: A mediation analysis of oral microbiota. <i>Science of the Total Environment</i> , 2022, 823, 153688.	8.0	7
9	Associations between the Maternal Exposome and Metabolome during Pregnancy. <i>Environmental Health Perspectives</i> , 2022, 130, 37003.	6.0	15
10	A metabolomic study on the effect of prenatal exposure to Benzophenone-3 on spontaneous fetal loss in mice. <i>Ecotoxicology and Environmental Safety</i> , 2022, 233, 113347.	6.0	6
11	Exposure to multiple trace elements and miscarriage during early pregnancy: A mixtures approach. <i>Environment International</i> , 2022, 162, 107161.	10.0	23
12	Assessing maternal thyroid function and its relationship to duration of the first stage of labor. <i>European Thyroid Journal</i> , 2022, 11, .	2.4	2
13	Simultaneous determination of 16 urinary metabolites of organophosphate flame retardants and organophosphate pesticides by solid phase extraction and ultra performance liquid chromatography coupled to tandem mass spectrometry. <i>Chemosphere</i> , 2022, 300, 134585.	8.2	8
14	Preimplantation triclosan exposure alters uterine receptivity through affecting tight junction protein. <i>Biology of Reproduction</i> , 2022, 107, 349-357.	2.7	2
15	Association between triclosan exposure and obesity measures among 7-year-old children in northern China. <i>Ecotoxicology and Environmental Safety</i> , 2022, 239, 113610.	6.0	4
16	Human X chromosome exome sequencing identifies <i>BCORL1</i> as contributor to spermatogenesis. <i>Journal of Medical Genetics</i> , 2021, 58, 56-65.	3.2	13
17	Relationships between gut microbiota, plasma glucose and gestational diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2021, 12, 641-650.	2.4	29
18	Associations of maternal exposure to fine particulate matter constituents during pregnancy with Apgar score and duration of labor: A retrospective study in Guangzhou, China, 2012–2017. <i>Chemosphere</i> , 2021, 273, 128442.	8.2	1

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19	Immunity and coagulation and fibrinolytic processes may reduce the risk of severe illness in pregnant women with coronavirus disease 2019. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 393.e1-393.e25.	1.3	9
20	Multiple 'omics'-analysis reveals the role of prostaglandin E2 in Hirschsprung's disease. <i>Free Radical Biology and Medicine</i> , 2021, 164, 390-398.	2.9	6
21	Antagonistic effect of early stage zinc on arsenic toxicity induced preterm birth during pregnancy: evidence from a rural Bangladesh birth cohort. <i>Chinese Medical Journal</i> , 2021, 134, 619-621.	2.3	4
22	Assisted reproductive technology and birth defects in a Chinese birth cohort study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 7, 100090.	2.9	24
23	Differences of blood cells, lymphocyte subsets and cytokines in COVID-19 patients with different clinical stages: a network meta-analysis. <i>BMC Infectious Diseases</i> , 2021, 21, 156.	2.9	20
24	Recent Advances of MicroRNAs, Long Non-coding RNAs, and Circular RNAs in Preeclampsia. <i>Frontiers in Physiology</i> , 2021, 12, 659638.	2.8	12
25	Child marriage, maternal serum metal exposure, and risk of preterm birth in rural Bangladesh: evidence from mediation analysis. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 571-580.	3.9	12
26	Gut microbiome and resistome changes during the first wave of the COVID-19 pandemic in comparison with pre-pandemic travel-related changes. <i>Journal of Travel Medicine</i> , 2021, 28, .	3.0	14
27	Gestational diabetes mellitus is associated with the neonatal gut microbiota and metabolome. <i>BMC Medicine</i> , 2021, 19, 120.	5.5	44
28	Exploration of the developmental toxicity of TCS and PFOS to zebrafish embryos by whole-genome gene expression analyses. <i>Environmental Science and Pollution Research</i> , 2021, 28, 56032-56042.	5.3	7
29	Association between mercury exposure and thyroid hormones levels: A meta-analysis. <i>Environmental Research</i> , 2021, 196, 110928.	7.5	10
30	Thirdhand cigarette smoke leads to age-dependent and persistent alterations in the cecal microbiome of mice. <i>MicrobiologyOpen</i> , 2021, 10, e1198.	3.0	3
31	Effects of exposure to urban particulate matter SRM 1648a during pregnancy on the neurobehavioral development of offspring mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112142.	6.0	8
32	Genetic background influences the effect of thirdhand smoke exposure on anxiety and memory in Collaborative Cross mice. <i>Scientific Reports</i> , 2021, 11, 13285.	3.3	6
33	Association of assisted reproductive technology, germline de novo mutations and congenital heart defects in a prospective birth cohort study. <i>Cell Research</i> , 2021, 31, 919-928.	12.0	26
34	Enhancer RNA Inc-CES1-1 inhibits decidual cell migration by interacting with RNA-binding protein FUS and activating PPARI ³ in URPL. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 104-112.	5.1	11
35	Metagenomic Survey Reveals More Diverse and Abundant Antibiotic Resistance Genes in Municipal Wastewater Than Hospital Wastewater. <i>Frontiers in Microbiology</i> , 2021, 12, 712843.	3.5	6
36	Insight Into the Potential Value of Gut Microbial Signatures for Prediction of Gestational Anemia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 734561.	3.9	5

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37	Contribution of trace element exposure to gestational diabetes mellitus through disturbing the gut microbiome. <i>Environment International</i> , 2021, 153, 106520.	10.0	28
38	Evaluation of atrazine neurodevelopment toxicity in vitro-application of hESC-based neural differentiation model. <i>Reproductive Toxicology</i> , 2021, 103, 149-158.	2.9	14
39	Effects induced by polyethylene microplastics oral exposure on colon mucin release, inflammation, gut microflora composition and metabolism in mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112340.	6.0	85
40	Gestational blood levels of toxic metal and essential element mixtures and associations with global DNA methylation in pregnant women and their infants. <i>Science of the Total Environment</i> , 2021, 787, 147621.	8.0	13
41	Effects of 2,2,4,4-tetrabromodiphenyl ether on the development of mouse embryonic stem cells. <i>Reproductive Toxicology</i> , 2021, 106, 18-24.	2.9	3
42	Environmental exposure during pregnancy and the risk of childhood allergic diseases. <i>World Journal of Pediatrics</i> , 2021, 17, 467-475.	1.8	8
43	Exposure and perception of PM2.5 pollution on the mental stress of pregnant women. <i>Environment International</i> , 2021, 156, 106686.	10.0	8
44	Gene variations in Autism Spectrum Disorder are associated with alternation of gut microbiota, metabolites and cytokines. <i>Gut Microbes</i> , 2021, 13, 1-16.	9.8	28
45	Host genetics and gut microbiota cooperatively contribute to azoxymethane-induced acute toxicity in Collaborative Cross mice. <i>Archives of Toxicology</i> , 2021, 95, 949-958.	4.2	6
46	Stress, anxiety, and depression in infertile couples are not associated with a first IVF or ICSI treatment outcome. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 725.	2.4	6
47	Glufosinate-Ammonium Induced Aberrant Histone Modifications in Mouse Sperm Are Concordant With Transcriptome in Preimplantation Embryos. <i>Frontiers in Physiology</i> , 2021, 12, 819856.	2.8	4
48	Prenatal low-dose DEHP exposure induces metabolic adaptation and obesity: Role of hepatic thiamine metabolism. <i>Journal of Hazardous Materials</i> , 2020, 385, 121534.	12.4	58
49	Systematic Analysis of Impact of Sampling Regions and Storage Methods on Fecal Gut Microbiome and Metabolome Profiles. <i>MSphere</i> , 2020, 5, .	2.9	37
50	The correlation between PM2.5 exposure and hypertensive disorders in pregnancy: A Meta-analysis. <i>Science of the Total Environment</i> , 2020, 703, 134985.	8.0	39
51	Developmental toxicity of disinfection by-product monohaloacetamides in embryo-larval stage of zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 110037.	6.0	29
52	Physical activity and blood pressure during pregnancy: Mediation by anxiety symptoms. <i>Journal of Affective Disorders</i> , 2020, 264, 376-382.	4.1	10
53	Metabolomics study and meta-analysis on the association between maternal pesticide exposome and birth outcomes. <i>Environmental Research</i> , 2020, 182, 109087.	7.5	33
54	Clinically applicable 53-Gene prognostic assay predicts chemotherapy benefit in gastric cancer: A multicenter study. <i>EBioMedicine</i> , 2020, 61, 103023.	6.1	9

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55	Association between phenols exposure and earlier puberty in children: A systematic review and meta-analysis. <i>Environmental Research</i> , 2020, 190, 110056.	7.5	9
56	Prenatal exposure to fine particles, premature rupture of membranes and gestational age: A prospective cohort study. <i>Environment International</i> , 2020, 145, 106146.	10.0	8
57	Prognostic value of an autophagy-related gene expression signature for endometrial cancer patients. <i>Cancer Cell International</i> , 2020, 20, 306.	4.1	12
58	Serum albumin mediates the effect of multiple per- and polyfluoroalkyl substances on serum lipid levels. <i>Environmental Pollution</i> , 2020, 266, 115138.	7.5	32
59	Alterations of gut microbiota composition in neonates conceived by assisted reproductive technology and its relation to infant growth. <i>Gut Microbes</i> , 2020, 12, 1794466.	9.8	9
60	Effect of endometrial thickness and embryo quality on live-birth rate of fresh IVF/ICSI cycles: a retrospective cohort study. <i>Reproductive Biology and Endocrinology</i> , 2020, 18, 89.	3.3	18
61	A Survey Study Reveals the Positive Impact of Oncofertility Knowledge and Attitude on Oncofertility Practice Among Oncologists in China. <i>Journal of Adolescent and Young Adult Oncology</i> , 2020, 10, 606-613.	1.3	3
62	The impact of prenatal exposure to PM2.5 on childhood asthma and wheezing: a meta-analysis of observational studies. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29280-29290.	5.3	26
63	Increased risk of gestational diabetes mellitus in women with higher prepregnancy ambient PM2.5 exposure. <i>Science of the Total Environment</i> , 2020, 730, 138982.	8.0	26
64	Linking key intervention timings to rapid declining effective reproduction number to quantify lessons against COVID-19. <i>Frontiers of Medicine</i> , 2020, 14, 623-629.	3.4	11
65	Alteration in gut microbiota is associated with dysregulation of cytokines and glucocorticoid therapy in systemic lupus erythematosus. <i>Gut Microbes</i> , 2020, 11, 1758-1773.	9.8	73
66	Effects of particulate matter exposure on semen quality: A retrospective cohort study. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110319.	6.0	31
67	Prospective study reveals a microbiome signature that predicts the occurrence of post-operative enterocolitis in Hirschsprung disease (HSCR) patients. <i>Gut Microbes</i> , 2020, 11, 842-854.	9.8	24
68	Prenatal exposure to glufosinate ammonium disturbs gut microbiome and induces behavioral abnormalities in mice. <i>Journal of Hazardous Materials</i> , 2020, 389, 122152.	12.4	25
69	Hypomethylation of PRDM1 is associated with recurrent pregnancy loss. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7072-7077.	3.6	10
70	Identifying a critical window of maternal metal exposure for maternal and neonatal thyroid function in China: A cohort study. <i>Environment International</i> , 2020, 139, 105696.	10.0	26
71	Altered gut microbial profile is associated with abnormal metabolism activity of Autism Spectrum Disorder. <i>Gut Microbes</i> , 2020, 11, 1246-1267.	9.8	166
72	Associations of Prenatal Exposure to Triclosan and Maternal Thyroid Hormone Levels: A Systematic Review and Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2020, 11, 607055.	3.5	5

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73	Identification of crucial aberrantly methylated and differentially expressed genes related to cervical cancer using an integrated bioinformatics analysis. Bioscience Reports, 2020, 40, .	2.4	9
74	Effects of Microbiota on the Treatment of Obesity with the Natural Product Celastrol in Rats. Diabetes and Metabolism Journal, 2020, 44, 747-763.	4.7	18
75	Association between exposure to particulate matter during pregnancy and birthweight: a systematic review and a metaanalysis of birth cohort studies. Journal of Biomedical Research, 2019, 33, 56.	1.6	11
76	Different cytotoxicity of disinfection by-product haloacetamides on two exposure pathway-related cell lines: Human gastric epithelial cell line GES-1 and immortalized human keratinocyte cell line HaCaT. Science of the Total Environment, 2019, 692, 1267-1275.	8.0	10
77	Evaluation of Maternal Exposure to PM _{2.5} and Its Components on Maternal and Neonatal Thyroid Function and Birth Weight: A Cohort Study. Thyroid, 2019, 29, 1147-1157.	4.5	48
78	Glycylglycine plays critical roles in the proliferation of spermatogonial stem cells. Molecular Medicine Reports, 2019, 20, 3802-3810.	2.4	1
79	Association of semenogelin (SEMG) gene variants in idiopathic male infertility in Chinese-Han population. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2019, 82, 928-934.	2.3	6
80	Metabolomics reveals the role of acetyl-L-carnitine metabolism in ⁵⁷ Fe ₂ O ₃ NP-induced embryonic development toxicity via mitochondria damage. Nanotoxicology, 2019, 13, 204-220.	3.0	17
81	Exposure to Titanium Dioxide Nanoparticles During Pregnancy Changed Maternal Gut Microbiota and Increased Blood Glucose of Rat. Nanoscale Research Letters, 2019, 14, 26.	5.7	43
82	Prenatal exposure to the herbicide 2,4-D is associated with deficits in auditory processing during infancy. Environmental Research, 2019, 172, 486-494.	7.5	21
83	Semen quality and cigarette smoking in a cohort of healthy fertile men. Environmental Epidemiology, 2019, 3, e055.	3.0	20
84	Association between exposure to a mixture of phenols, pesticides, and phthalates and obesity: Comparison of three statistical models. Environment International, 2019, 123, 325-336.	10.0	265
85	A cancer-testis non-coding RNA LIN28B-AS1 activates driver gene LIN28B by interacting with IGF2BP1 in lung adenocarcinoma. Oncogene, 2019, 38, 1611-1624.	5.9	61
86	Maternal pentachlorophenol exposure induces developmental toxicity mediated by autophagy on pregnancy mice. Ecotoxicology and Environmental Safety, 2019, 169, 829-836.	6.0	18
87	Correction: Circular RNA ZNF609 functions as a competitive endogenous RNA to regulate AKT3 expression by sponging miR-150-5p in Hirschsprung's disease. Oncotarget, 2019, 10, 3313-3314.	1.8	5
88	Identification of two novel PCDHA9 mutations associated with Hirschsprung's disease. Gene, 2018, 658, 96-104.	2.2	6
89	Maternal air pollution exposure and preterm birth in Wuxi, China: Effect modification by maternal age. Ecotoxicology and Environmental Safety, 2018, 157, 457-462.	6.0	44
90	Prenatal organophosphate insecticide exposure and infant sensory function. International Journal of Hygiene and Environmental Health, 2018, 221, 469-478.	4.3	23

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91	Aberrant expression of LncRNA-MIR31HG regulates cell migration and proliferation by affecting miR-31 and miR-31* in Hirschsprung's disease. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8195-8203.	2.6	30
92	Down-regulated let-7b-5p represses glycolysis metabolism by targeting AURKB in asthenozoospermia. <i>Gene</i> , 2018, 663, 83-87.	2.2	30
93	Long non-coding RNA LOC100507600 functions as a competitive endogenous RNA to regulate BMI1 expression by sponging miR128-1-3p in Hirschsprung's disease. <i>Cell Cycle</i> , 2018, 17, 459-467.	2.6	26
94	Short-term early exposure to thirdhand cigarette smoke increases lung cancer incidence in mice. <i>Clinical Science</i> , 2018, 132, 475-488.	4.3	30
95	Prenatal exposure to maternal smoking during pregnancy and attention-deficit/hyperactivity disorder in offspring: A meta-analysis. <i>Reproductive Toxicology</i> , 2018, 76, 63-70.	2.9	66
96	Identification of candidate genes for necrotizing enterocolitis based on microarray data. <i>Gene</i> , 2018, 661, 152-159.	2.2	11
97	The association between cooking oil fume exposure during pregnancy and birth weight: A prospective mother-child cohort study. <i>Science of the Total Environment</i> , 2018, 612, 822-830.	8.0	14
98	Change in circulating microRNA profile of obese children indicates future risk of adult diabetes. <i>Metabolism: Clinical and Experimental</i> , 2018, 78, 95-105.	3.4	103
99	Effects of particulate matter exposure during pregnancy on birth weight: A retrospective cohort study in Suzhou, China. <i>Science of the Total Environment</i> , 2018, 615, 369-374.	8.0	29
100	Metabolic changes associated with papillary thyroid carcinoma: A nuclear magnetic resonance-based metabolomics study. <i>International Journal of Molecular Medicine</i> , 2018, 41, 3006-3014.	4.0	24
101	miR-96-5p and miR-101-3p as potential intervention targets to rescue TiO ₂ NP-induced autophagy and migration impairment of human trophoblastic cells. <i>Biomaterials Science</i> , 2018, 6, 3273-3283.	5.4	25
102	Growth patterns from birth to 24 months in Chinese children: a birth cohorts study across China. <i>BMC Pediatrics</i> , 2018, 18, 344.	1.7	10
103	The enhancer RNA Inc-SLC4A1-1 epigenetically regulates unexplained recurrent pregnancy loss (URPL) by activating CXCL8 and NF-κB pathway. <i>EBioMedicine</i> , 2018, 38, 162-170.	6.1	85
104	Elevated microRNA-141-3p in placenta of non-diabetic macrosomia regulate trophoblast proliferation. <i>EBioMedicine</i> , 2018, 38, 154-161.	6.1	13
105	Endoplasmic reticulum stress mediates inflammatory response triggered by ultra-small superparamagnetic iron oxide nanoparticles in hepatocytes. <i>Nanotoxicology</i> , 2018, 12, 1198-1214.	3.0	30
106	Metabolomics Reveals Metabolic Changes Caused by Low-Dose 4-Tert-Octylphenol in Mice Liver. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2686.	2.6	16
107	Human mitochondrial DNA haplogroup M8a influences the penetrance of m.8684C>T in Han Chinese men with non-obstructive azoospermia. <i>Reproductive BioMedicine Online</i> , 2018, 37, 480-488.	2.4	2
108	Meconium microbiome associates with the development of neonatal jaundice. <i>Clinical and Translational Gastroenterology</i> , 2018, 9, e182.	2.5	26

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109	Titanium dioxide nanoparticles induce proteostasis disruption and autophagy in human trophoblast cells. <i>Chemico-Biological Interactions</i> , 2018, 296, 124-133.	4.0	26
110	Idiopathic male infertility is strongly associated with aberrant DNA methylation of imprinted loci in sperm: a case-control study. <i>Clinical Epigenetics</i> , 2018, 10, 134.	4.1	50
111	Growth patterns of infants aged 0 to 24 months in China: a multicentre prospective birth cohort study across China. <i>Lancet, The</i> , 2018, 392, S3.	13.7	0
112	Associations between maternal exposure to air pollution and birth outcomes: a retrospective cohort study in Taizhou, China. <i>Environmental Science and Pollution Research</i> , 2018, 25, 21927-21936.	5.3	27
113	IGF2-derived miR-483-3p contributes to macrosomia through regulating trophoblast proliferation by targeting RB1CC1. <i>Molecular Human Reproduction</i> , 2018, 24, 444-452.	2.8	15
114	Lipopolysaccharide enhances ADAR2 which drives Hirschsprung's disease by impairing miR-142a-3p biogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4045-4055.	3.6	12
115	Long non-coding RNA FAL1 functions as a ceRNA to antagonize the effect of miR-637 on the down-regulation of AKT1 in Hirschsprung's disease. <i>Cell Proliferation</i> , 2018, 51, e12489.	5.3	55
116	Association between Serum Vitamin Levels and Depression in U.S. Adults 20 Years or Older Based on National Health and Nutrition Examination Survey 2005-2006. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1215.	2.6	18
117	Carbon black suppresses the osteogenesis of mesenchymal stem cells: the role of mitochondria. <i>Particle and Fibre Toxicology</i> , 2018, 15, 16.	6.2	45
118	Meta-analysis on the effectiveness of team-based learning on medical education in China. <i>BMC Medical Education</i> , 2018, 18, 77.	2.4	63
119	Distribution and predictors of 20 toxic and essential metals in the umbilical cord blood of Chinese newborns. <i>Chemosphere</i> , 2018, 210, 1167-1175.	8.2	24
120	Integrated analysis of DNA methylome and transcriptome identified CREB5 as a novel risk gene contributing to recurrent pregnancy loss. <i>EBioMedicine</i> , 2018, 35, 334-344.	6.1	55
121	LncRNAs KB-1836B5, LINC00566 and FAM27L are associated with the survival time of patients with ovarian cancer. <i>Oncology Letters</i> , 2018, 16, 3735-3745.	1.8	5
122	Cortisol, cortisone, and 4-methoxyphenylacetic acid as potential plasma biomarkers for early detection of non-small cell lung cancer. <i>International Journal of Biological Markers</i> , 2018, 33, 314-320.	1.8	13
123	A multi-method evaluation of the effects of Inflammatory cytokines (IL1^2 , IFN^3 , TNF^4) on pancreatic I^2 cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 9375-9382.	4.1	12
124	Exome-Wide Association Study Identified New Risk Loci for Hirschsprung's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 1777-1785.	4.0	12
125	Associations between urinary polycyclic aromatic hydrocarbon metabolites and serum testosterone in U.S. adult males: National Health and nutrition examination survey 2011-2012. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7607-7616.	5.3	12
126	Current pesticide profiles in blood serum of adults in Jiangsu Province of China and a comparison with other countries. <i>Environment International</i> , 2017, 102, 213-222.	10.0	43

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127	Early exposure to thirdhand cigarette smoke affects body mass and the development of immunity in mice. <i>Scientific Reports</i> , 2017, 7, 41915.	3.3	30
128	Mutations of <i>MYH14</i> are associated to anorectal malformations with recto-perineal fistulas in a small subset of Chinese population. <i>Clinical Genetics</i> , 2017, 92, 503-509.	2.0	13
129	Obesity aggravates toxic effect of BPA on spermatogenesis. <i>Environment International</i> , 2017, 105, 56-65.	10.0	38
130	Prenatal naled and chlorpyrifos exposure is associated with deficits in infant motor function in a cohort of Chinese infants. <i>Environment International</i> , 2017, 106, 248-256.	10.0	68
131	Neuronal ERK signaling in response to graphene oxide in nematode <i>Caenorhabditis elegans</i> . <i>Nanotoxicology</i> , 2017, 11, 520-533.	3.0	55
132	Phthalate metabolites related to infertile biomarkers and infertility in Chinese men. <i>Environmental Pollution</i> , 2017, 231, 291-300.	7.5	32
133	Metabolome-wide association study identified the association between a circulating polyunsaturated fatty acids variant rs174548 and lung cancer. <i>Carcinogenesis</i> , 2017, 38, 1147-1154.	2.8	21
134	Idiopathic male infertility and polymorphisms in the DNA methyltransferase genes involved in epigenetic marking. <i>Scientific Reports</i> , 2017, 7, 11219.	3.3	16
135	From the Cover: Metabolomics Reveals a Role of Betaine in Prenatal DBP Exposure-Induced Epigenetic Transgenerational Failure of Spermatogenesis in Rats. <i>Toxicological Sciences</i> , 2017, 158, 356-366.	3.1	38
136	Interaction between Y chromosome haplogroup O3* and 4-n-octylphenol exposure reduces the susceptibility to spermatogenic impairment in Han Chinese. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 450-455.	6.0	3
137	Cytoskeletons of Two Reproductive Germ Cell Lines Response Differently to Titanium Dioxide Nanoparticles Mediating Vary Reproductive Toxicity. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 409-416.	1.1	18
138	LncRNA AFAP1-AS Functions as a Competing Endogenous RNA to Regulate RAP1B Expression by sponging miR-181a in the HSCR. <i>International Journal of Medical Sciences</i> , 2017, 14, 1022-1030.	2.5	26
139	Developmental Neurotoxicity of Methamidophos in the Embryo-Larval Stages of Zebrafish. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 23.	2.6	21
140	Adverse Health Effects of Thirdhand Smoke: From Cell to Animal Models. <i>International Journal of Molecular Sciences</i> , 2017, 18, 932.	4.1	29
141	Seminal plasma metabolomics approach for the diagnosis of unexplained male infertility. <i>PLoS ONE</i> , 2017, 12, e0181115.	2.5	52
142	Circular RNA ZNF609 functions as a competitive endogenous RNA to regulate AKT3 expression by sponging miR-150-5p in Hirschsprung's disease. <i>Oncotarget</i> , 2017, 8, 808-818.	1.8	157
143	MicroRNA-939 inhibits cell proliferation via targeting LRSAM1 in Hirschsprung's disease. <i>Aging</i> , 2017, 9, 2471-2479.	3.1	22
144	The impact of BMI on sperm parameters and the metabolite changes of seminal plasma concomitantly. <i>Oncotarget</i> , 2017, 8, 48619-48634.	1.8	60

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145	Genistein up-regulates miR-20a to disrupt spermatogenesis via targeting Limk1. <i>Oncotarget</i> , 2017, 8, 58728-58737.	1.8	8
146	Mitochondrial DNA sequencing and large-scale genotyping identifies <i>MT-ND4</i> gene mutation m.11696G>A associated with idiopathic oligoasthenospermia. <i>Oncotarget</i> , 2017, 8, 52975-52982.	1.8	11
147	Downregulation of lncRNA MEG3 and miR-770-5p inhibit cell migration and proliferation in Hirschsprung's disease. <i>Oncotarget</i> , 2017, 8, 69722-69730.	1.8	20
148	Profiles of metabolic gene expression in the white adipose tissue, liver and hypothalamus in leptin knockout (<i>Lep^{fl/fl}</i>) rats. <i>Journal of Biomedical Research</i> , 2017, 31, 528.	1.6	4
149	Apoptotic neuron-secreted HN12 inhibits cell apoptosis in Hirschsprung's disease. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5871-5881.	6.7	18
150	Metabolomics profiles delineate uridine deficiency contributes to mitochondria-mediated apoptosis induced by celastrol in human acute promyelocytic leukemia cells. <i>Oncotarget</i> , 2016, 7, 46557-46572.	1.8	24
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